MXI SECURITY®

Stealth MXP® Bio

Multifactor Data Protection and Digital Identity Portability

- SECURED USB MASS STORAGE 1GB TO 32GB
- HARDWARE DATA ENCRYPTION
- STRONG PASSWORD AND/OR BIOMETRIC AUTHENTICATION
- SAFESHARE
- ACCESS ANTIVIRUS SCANNER OPTIONAL FEATURE
- MALWARE PROTECTION
- DIGITAL IDENTITY & CRYPTO SERVICES*
- MANAGEABILITY †
- TAMPER-EVIDENT
- DUSTPROOF
- WATERPROOF

The Stealth MXP® Bio, now in its second generation, offers industry-leading secure portable storage, digital identity features, and hardware-integrated device management. Providing fast and transparent hardware-based encryption, the Stealth MXP Bio is fully portable and manageable across all major computing platforms, with no drivers or software to install.

The Stealth MXP® Bio is ideal for secure portable storage, high-security remote access, digital signatures, and user authentication into the cloud. In contrast to common single-factor devices, on-board data is protected with two-factor authentication, and three-factor authentication protects PKI token, RSA SecurID®, and OATH OTP operations*.

All MXP® Series devices offer dedicated key containers, secure X.509 certificate storage via PKCS#11 and/or CAPI, and hardware cryptographic acceleration -- features that make them far superior to devices that store keys and certificates in on-board files, or perform cryptographic functions on the host computer*.

The ACCESS Enterprise™ device management system allows organizations to easily provision, configure, and support any number of Stealth MXP Bio devices. It maximizes the benefits of data protection, portable applications, secure digital identities, and strong user authentication. For larger organizations, the Stealth MXP Bio can also be managed by McAfee® ePO™.

Biometrics are made possible through an ergonomic swipe sensor, with hardware-based matching that is fully isolated from PC-based attacks. Coupled with this is strong password authentication, offering hardware-enforced complexity and usage rules. A state-of-the-art tamper-evident magnesium enclosure acts as an integral case, making the device both waterproof and dustproof.

Secured within is the fast and efficient Bluefly Processor which is **FIPS 140-2 Level 3 validated**. Bluefly offers unmatched security in any environment, foreign or familiar. It's anti-malware features, including its read-only mode of operation, protect the Stealth MXP® Bio from all attackers. With the optional ACCESS Antivirus Scanner, user data and host systems are shielded from all forms of malware.

Manufactured in the USA

FIPS VALIDATED 140-2

Bluefly Processor

Stealth MXP® Bio

Stealth MXP® Bio Specifications

General

- Secure portable storage with hardware-based AES-256 CBC encryption (FIPS Pub 197)
- Encrypted mass storage capacities: 1, 2, 4, 8, 16, and 32GB
- Ability to carry RSA SecurID soft tokens*
- Secure PKI token functionality*
- Zero software footprint
- Manageable with ACCESS Enterprise †
- Manageable with McAfee ePO
- One year warranty

Storage Capabilities

- Flash memory mass storage
- Private user partition(s), hardware encrypted, size-configurable
- Portable application partition, read-only, malware-proof

Authentication

- Strong password
- On-device, hardware-matched biometric
- Up to two-factor for secure portable storage (password and biometric)
- Up to three-factor for RSA SecurID and certificate-based digital identity applications (password, biometric, and device)*

Security

- Bluefly processor
- Anti-malware protection
- Up to 10 independently-secured users on a single device
- Hardware-enforced password complexity and usage rules
- Failed authentication threshold with optional data destruction
- Optional user rescue for blocked devices
- Anti-MITM, anti-replay secure host-device communications compliant with NIST SP800-56A

Cryptographic Services*

- Dedicated key containers for symmetric keys, asymmetric keys, and HOTP secret keys
- Secure X.509 certificate storage via PKCS#11 and/or CAPI
- OATH one time password generation
- SHA-1 and SHA-256 (FIPS Pub 180-1/180-2)
- Keyed HMAC (FIPS Pub 198)
- RSA key generation, 1024/2048/3072-bit (X9.31, PKCS #1)
- RSA signing and verification (X9.31, PKCS #1)
- RSA encryption/decryption (PKCS #1)
- Random number generation
- Bluefly hardware acceleration for many cryptographic services

Operating Environments

- Microsoft Windows XP
- Microsoft Windows Vista
- Mac OSX 10.5

Standards and Certifications

- FIPS 140-2 Level 3
- USB 1.1 and 2.0
- FCC
- CE
- WEEE compliant
- RoHS compliant

Physical and Electrical

- Compact and portable
- Tamper-evident, high-strength magnesium enclosure with removable cap
- Waterproof and dustproof enclosure to IEC 60529 IP57
- Waterproof enclosure to MIL-STD-810F
- Ergonomic finger-swipe area
- Power, data activity, and authentication status LEDs
- Uses USB bus power

Dimensions, Weights and Environmental

- Dimensions, cap on (H x W x L): 13 x 26 x 85 mm
- Dimensions, cap off (H x W x L): 13 x 26 x 84 mm
- Weight: 29g (approximate)
- Operating temperature ~ 0 to 60 °C
- Storage temperature ~ -20 to 70 °C
- Relative humidity ~ 5 to 95% non-condensing

*** Digital identity support through ACCESS Identity™ will be available shortly after Stealth MXP Bio launch.**

† Device manageability with ACCESS Enterprise™ will be available shortly after Stealth MXP Bio launch.

Contact Us

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zero waste certified

ISO 9001 certified

ISO14001 certified

About MXI Security®
MXI Security is the leader in providing superior managed portable security solutions that combine the power of secure storage with identity and access management services. Easy to manage and transparent to the end user, MXI Security solutions satisfy multiple security needs with a single device, facilitating greater mobility without ever compromising security.

For more information, please visit: **www.mxisecurity.com**

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